

Northwest Parkway Public Highway Authority

Transportation Legislation Review Committee



August 9, 2022

Who Forms NWPPHA

- **Members:**



City & County of Broomfield



City of Lafayette

- **Ex Officio & Associate Members:**



City of Arvada



Regional Transportation
District



Interlocken Metro District



Jefferson County

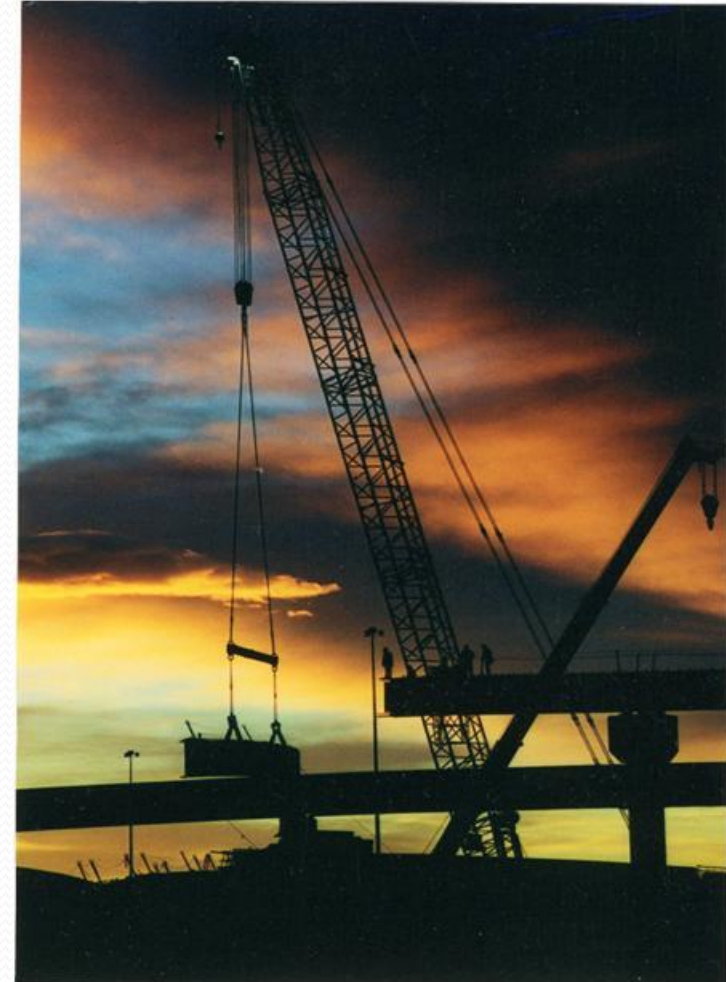


Colorado Dept. of
Transportation

Northwest Parkway Public Highway Authority

Background

- **July 1999:** Authority established
- **The Purpose:** To build an authority financed highway linking E-470/I-25 to US36.
- **The Financing:** User fee revenue bonds were used to fund the NWP – **No tax dollars!**
- **The Reasons:**
 - ✓ To continue the extension of a Denver metropolitan beltway
 - ✓ To avoid the tax cost of building a major new regional roadway link
 - ✓ To ensure that development occurred in specified locations respecting planned open space
 - ✓ To relieve traffic on neighborhood streets



Facility Overview

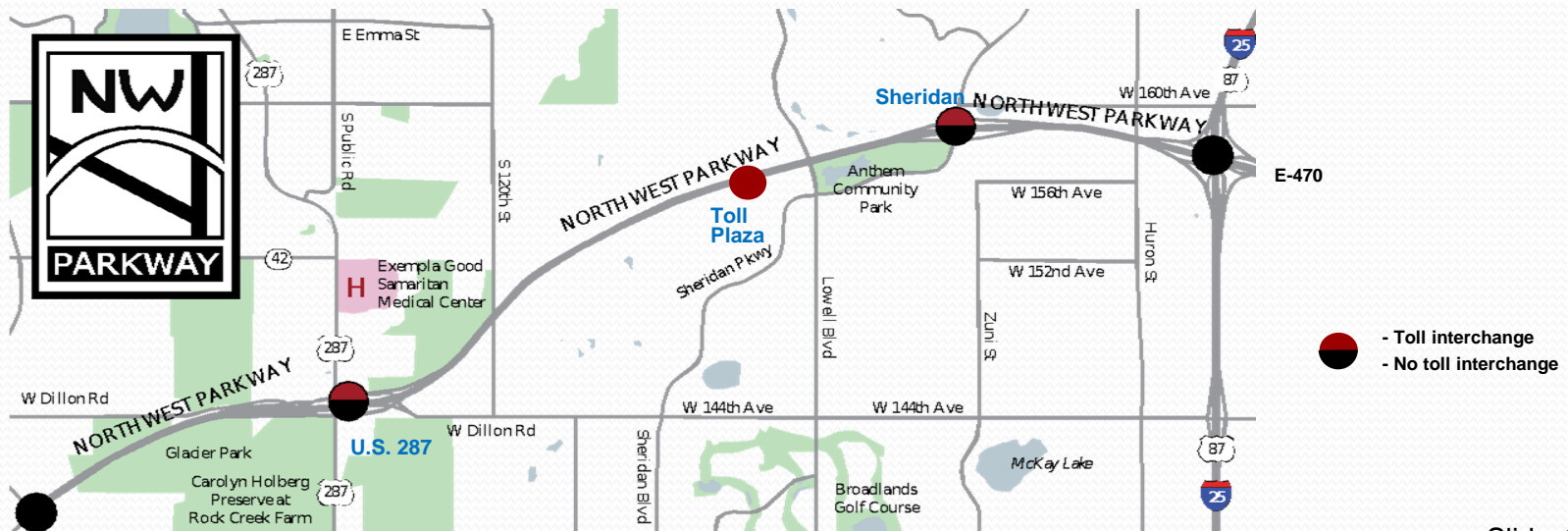


DESCRIPTION

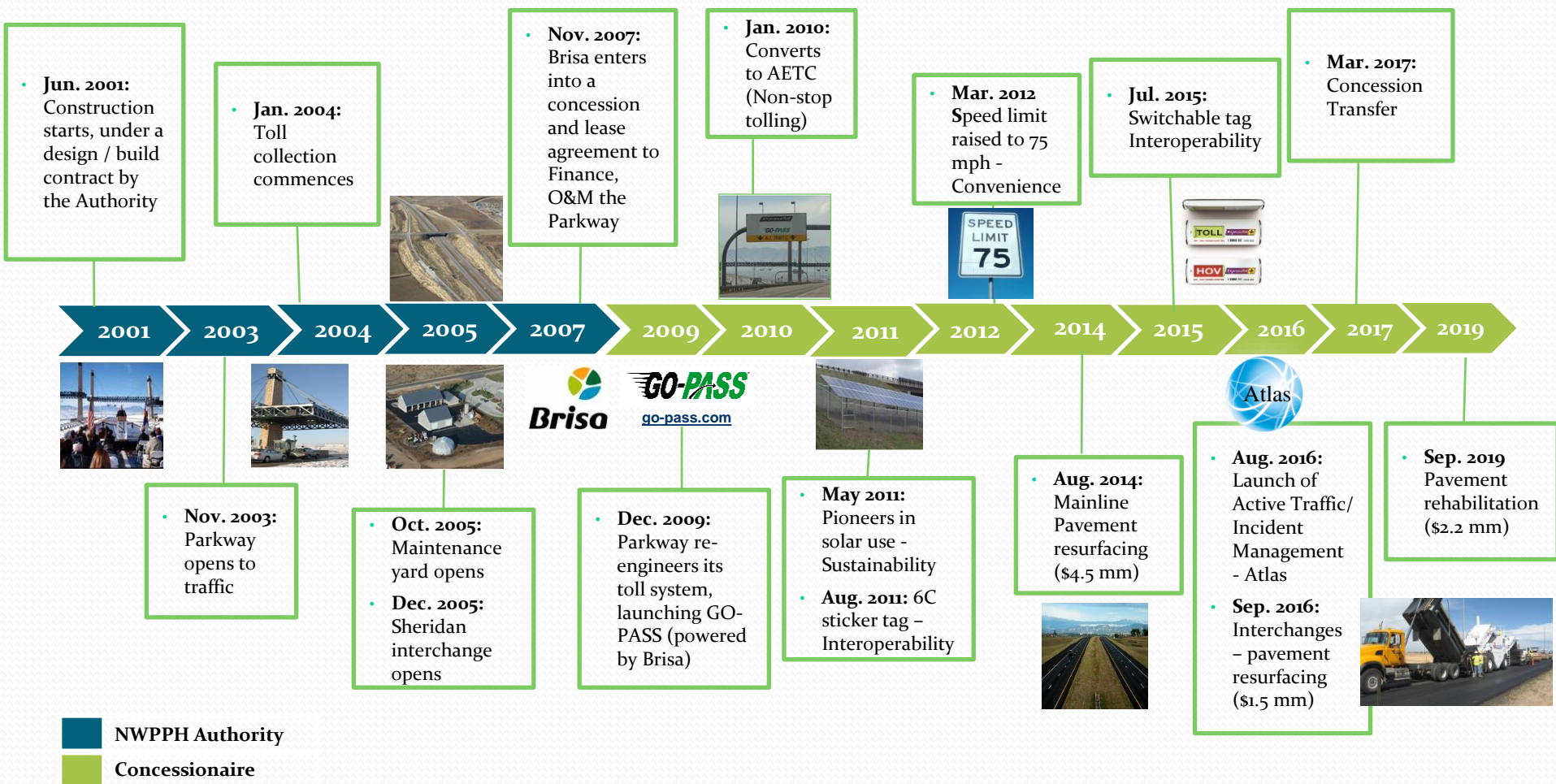
NWP is an 8.5-mile, 75 mph four-lane limited access highway, connecting E-470 at I-25 in the north metro Denver area, with U.S. 36, in Broomfield. It is part of the northwest section of Denver's beltway and comprises of:

- ✓ 23 bridge structures;
- ✓ 3 interchanges (I-25/E-470, Sheridan, U.S.287);
- ✓ 1 maintenance yard and 1 administrative building;
- ✓ 7 solar sites (62 kW);
- ✓ 3 toll points (All Electronic Tolling – no stopping)

ROAD MAP



Milestones



Northwest Parkway Concession

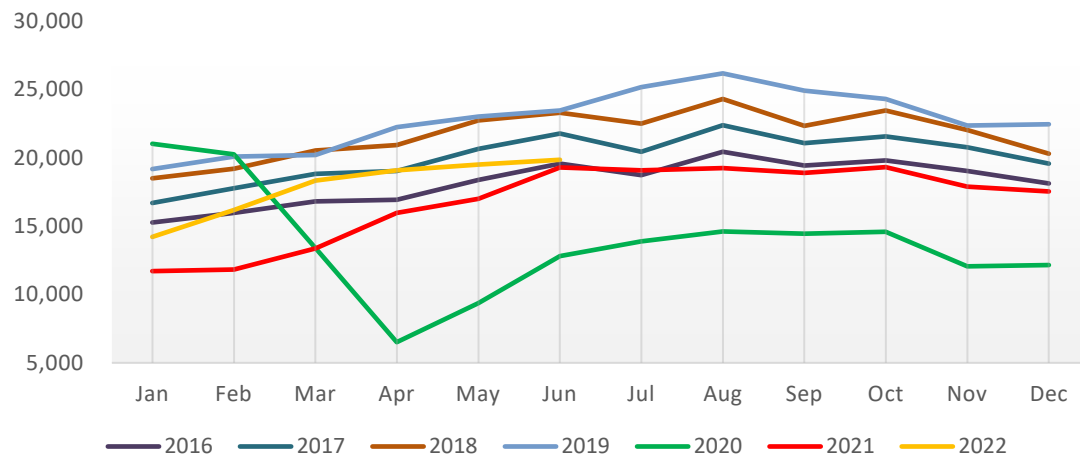
Fundamentals

- On November 21, 2007, the NWPPHA entered into a Concession Lease Agreement with Brisa (as Northwest Parkway LLC). On March 9, 2017, Brisa sold 100% of its interests to a Consortium (NWP HoldCo LLC) for \$744M.
- At the end of the 99-year lease term, the Parkway operation reverts to the Authority.
- Upon execution of the Concession and Lease Agreement, the NWPPHA transferred control of all capital assets to the Concessionaire in exchange for the defeasances of all outstanding bonds and reduction of a major portion of other long-term liabilities (\$503M).
- The Concessionaire must operate the Parkway in accordance with the terms of the Agreement and all applicable laws and must keep the Parkway continuously open and operational for the use of all members of the public, 24 hours a day, every day, except for necessary closures permitted by the Agreement.

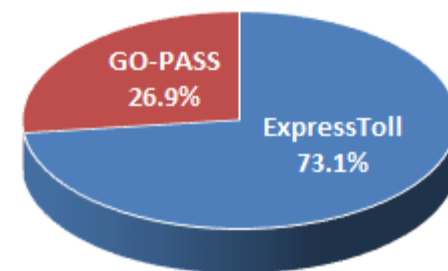
Traffic



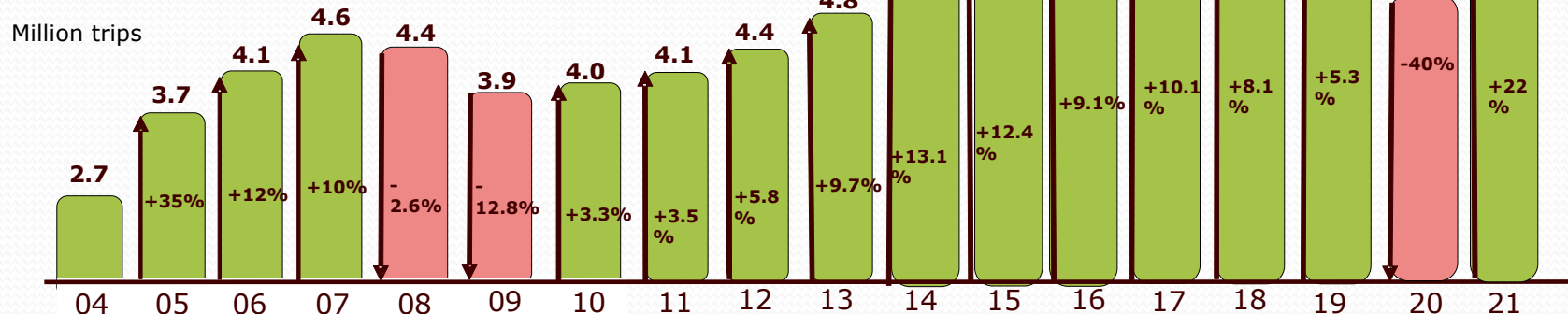
Average Daily Traffic



2022 Transactions by Payment Type

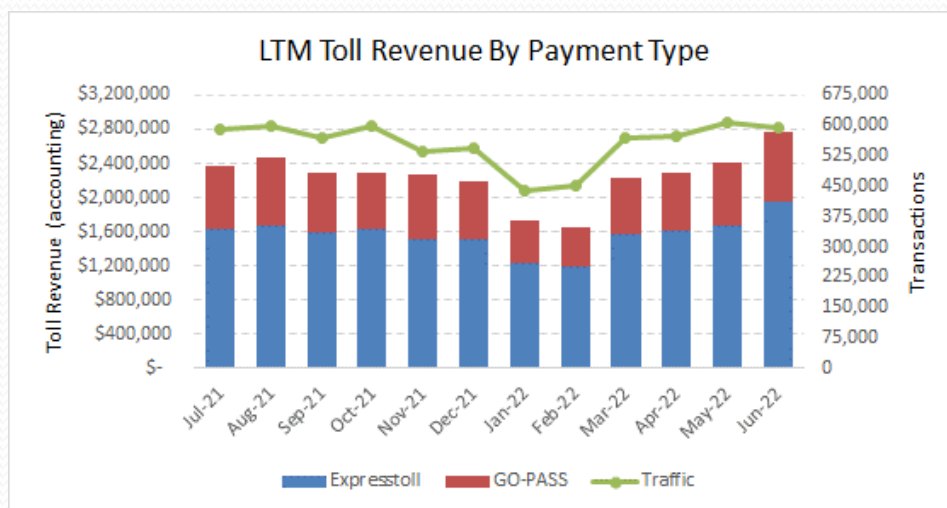
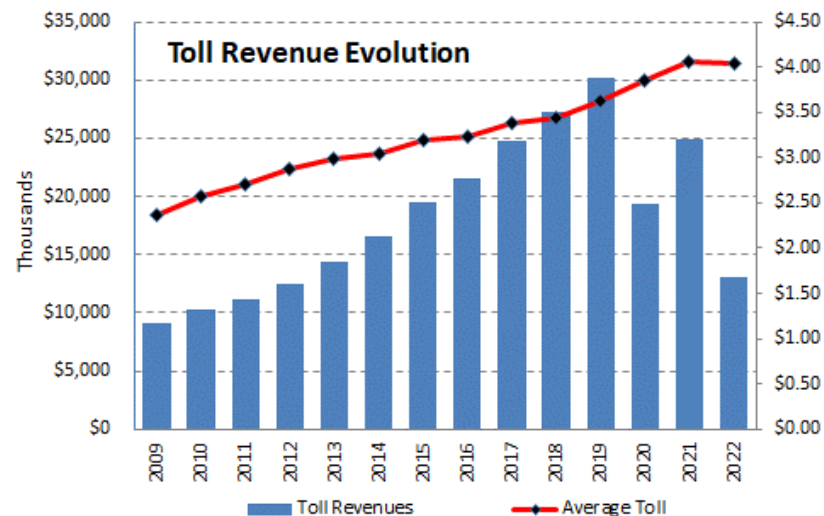
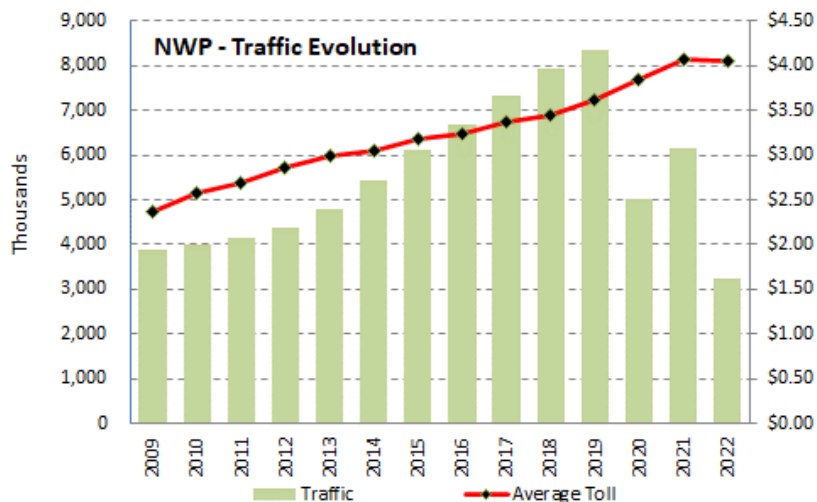


Traffic Evolution



Post-Pandemic traffic trailing slightly above 2016 levels

Toll Revenue



COVID had a significant impact on traffic and revenue.

Traffic Demand risk entirely bore by the Concessionaire.

Albeit COVID Steady Growth Shows Economic Value of the Parkway

Toll Rates

NWPKY TOLL RATES:

Mainline

- 2 Axles _____ \$4.80
- Per Each Additional Axle _____ \$4.80

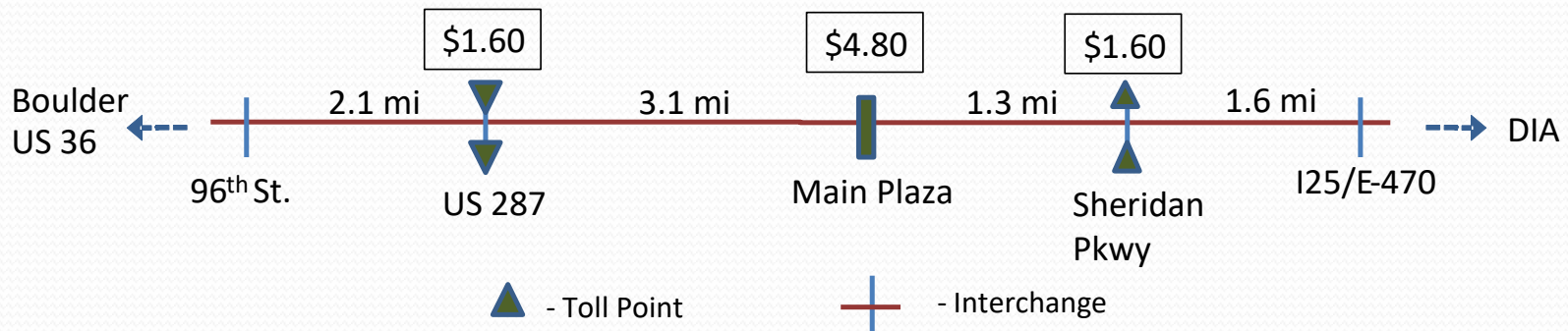
Ramps (Sheridan and US287 interchanges)

- 2 Axles _____ \$1.60
- Per Each Additional Axle _____ \$2.15

Annual toll rate increase is indexed to the maximum of:

- US GDP per Capita (BEA);
- US CPI (BLS);
- 2%

Note: Additional fees may apply depending on the payment method.



Toll rates are regulated by the Concession Agreement and overseen by the NWPPHA

Oversight

2021 Annual Inspection by Stantec Consulting Services took place at the end of August and through mid September.

“The purpose of the inspection was to evaluate and document the existing conditions of the Northwest Parkway. The scope of inspection for 2021 was to inspect the infrastructure, safety, and tolling facilities within the limits of the NWP. All items were inspected in accordance with the Colorado Department of Transportation Maintenance and Specification Standards (M&S Standards).”

The 82 inspected categories **averaged a score of 4.95 out of 5.00**, with just two Category 2 defects, that have been resolved already. Striping was the only category scoring below a 4 (3.50).

- *Category 1 defect: defects that present an immediate hazard to users.*
- *Category 2 defect: defects that **do not constitute an immediate hazard to users.***

Monthly inspections throughout the year have reflected the same consistent overall results of the asset condition.



One of the Highest Scores since the Start of the Concession

Recent Improvements

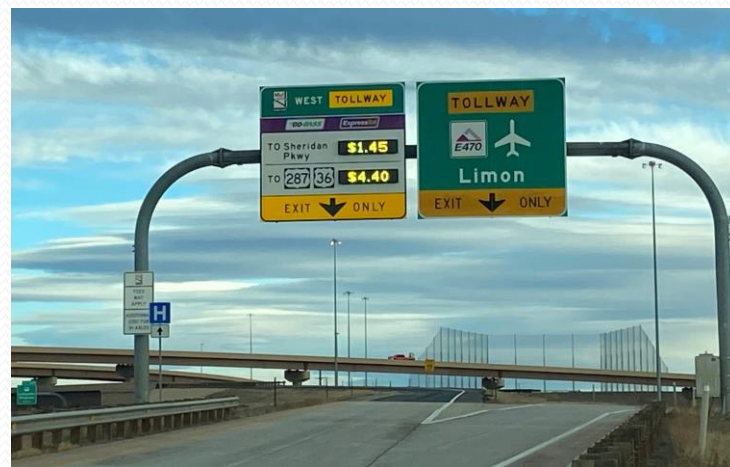
Pavement Rideability Improvement (2019)

- \$2.2M investment
- Overall length of repairs – 15,000 feet
- Leveling-course asphalt – over 7,100 tons
- Stone Matrix Asphalt surface – 6,200 tons
- Debut 3D milling technology - improved accuracy



Electronic Toll Rate Signage (2021)

- \$1.8M investment
- Enhanced advance notification to drivers compatible with variable tolling (VT)
- 11 new VT signs replacing static signs



Roadway Lights Upgrade to LED (2022)

- \$60k investment
- All roadway lights replaced with LEDs at NWP/E470/I25

\$4.5M in Recent Investments

Marshall Fire Toll Relief Fund

The NWP LLC setup a \$100,000 Relief Fund to help the victims of the Marshall Fire to offset tolls on the Parkway throughout 2022, so they focus on rebuilding their homes.

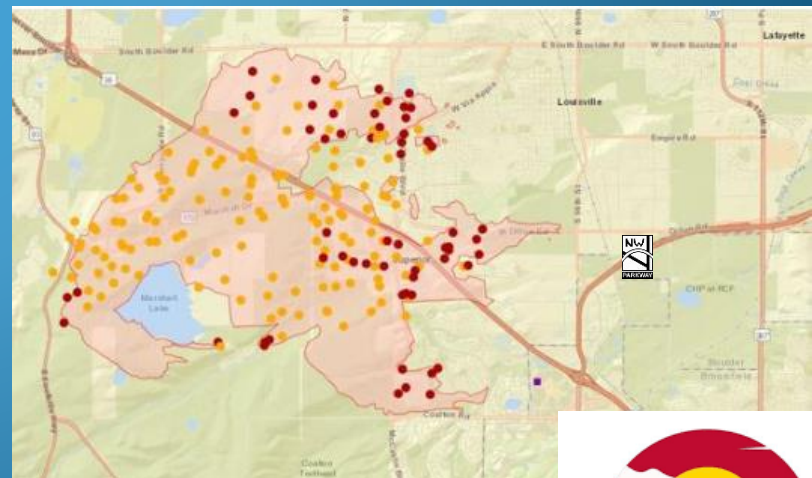
As of the end of June:

- ✓ NWP approved 217 applications
- ✓ NWP paid over \$21k in toll rebates

Info on the program:

<http://www.nwpky.com/media.html#MarshallFire>

Feedback has been quite positive among the local community and customers!



Marshall Fire Toll Relief Fund



"Thank you so much!!!"

"This rebate is such a tangible, practical way to assist fire families so, again, thank you."

"Thank you for this opportunity to families who lost their homes in the Marshall Fire. These have been very difficult weeks and your offer would support us in a tangible way."

"Thank you for this opportunity for us fire victims."

"I greatly appreciate this avenue of financial support for my family."

"We really appreciate your company trying to help Marshall Fire Families."

"It really means a lot to have this kind of support and relief during this time."

"Thank you for offering this program to us. Every dollar we save is helping us with rebuilding our house."

"Hello, and thank you all for doing this rebate. We have been commuting on the toll road constantly now, trying to more expeditiously get our kids to school."

"Thank you very much for supporting our recovery and rebuilding."

"We are grateful for your support."

"This is an amazing program for fire victims and will help my family a lot. Really appreciate it!!!"

"Thank you so much for the generosity and support of families like ours who lost their homes in the Marshall Fire."

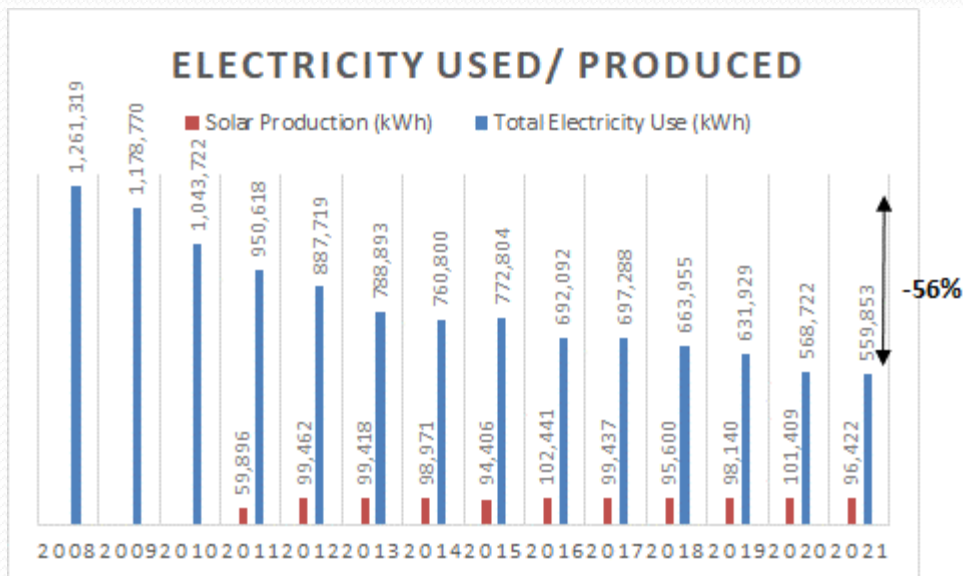
"This will be really helpful."

"I want to thank you for this initiative - as we have had to get temporary housing further away in Erie, the Northwest Parkway is an option we can really use more often thanks to your financial help."

Sustainability – Solar Program

NWP reduced its electricity usage by 56% over the past 11 years.

NWP solar project, so far, accounted for an estimated cost savings of over \$19k.



- ✓ NWP was pioneer adopting renewable energy, offsetting its carbon footprint since 2011
- ✓ 7 solar sites (63 kW) have produced more than 1M kWh, equivalent to 741 tons of CO2 emissions

Thank You

